








Instructional Technology Newsline

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Department of Elementary and Secondary Education

**Instructional Technology Staff
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[http://www.dese.state.mo.us/divimprove/instrtech/
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Instructional Technology Update

I hope that everyone is able to enjoy the summer, catch some rays, and get energized for next year. Here's to a new fiscal year and a fresh start! After months of dreary budget news, things have calmed down somewhat. We haven't heard of any additional cuts in the state budget, and we can implement the new federal Ed Tech programs. For the past two days, the Instructional Technology and MOREnet staffs have had the enjoyable task of awarding and negotiating eMINTS grants for 40 new districts. The excited and ebullient responses from the districts definitely provide a nice change of pace.

The Instructional Technology Update below replicates a memo sent to district administrators on June 27. It details the anticipated funding levels for FY03 applications, lists the districts receiving eMINTS grants, and provides information on upcoming requirements and deadlines. - Deb

Technology Grants Available for FY03

Federal Grants. Title IID of the No Child Left Behind Act establishes the new Enhancing Education Through Technology (Ed Tech) Program. The FY02 allocation is \$9.3 million. After a 10% by-pass withholding and the State's 5% administrative funds, the amount available to districts is \$8 million. Half of this amount is to be distributed to districts using a formula based on poverty data, with the remaining half to be distributed via competitive grants.

- ❖ Title IID formula grants -- the application is contained in the consolidated, online Federal Grants Application. Districts must coordinate these funds with state technology funds; therefore, the Title IID formula application should be filed at the same time as the state TAG grant application. The application deadline is September 15 for both programs.
- ❖ Title IID competitive grants – the competitive funds are earmarked to support further expansion of the eMINTS Program. 74 applications were filed by the May 24 deadline and evaluated June 5-6. Only 40 of the 74 applications will be funded. The following are the approved eMINTS grants:

CD Code	School Name
077-101	Bakersfield R-IV
103-128	Bell City R-II
084-001	Bolivar R-I
108-143	Bronaugh R-VII
015-003	Climax Springs R-IV
026-002	Cole County R-2
027-056	Cooper co. R-IV
028-102	Crawford County R-2
030-093	Dallas co. R-I
018-047	East Carter Co. R-II
045-077	Fayette R-III
096-089	Ferguson-Florissant
050-012	Fox C-6
077-102	Gainesville R-V
037-037	Gasconade Co. R-II
050-003	Hillsboro R-3 Schools

CD Code	School Name
084-004	Humansville R-IV
110-014	Kingston K-14
096-093	Lindbergh R-VIII
096-094	Mehlville School District
055-104	Miller R-II
073-108	Neosho R-5
041-003	North Harrison R-III
094-083	North St. Francois R-I
050-001	Northwest R-I
110-029	Potosi R-III
085-044	Pulaski Co. R-IV
005-124	Purdy R-II
072-066	Risco R-II
080-125	Sedalia School District #200
090-076	Southern Reynolds Co. R-2
096-119	Special School Dist. of S.L.
010-090	Sturgeon R-V
057-003	Troy R-III
109-003	Warren Co. R-III
085-046	Waynesville R-VI
092-089	Wentzville R-IV
094-087	West St. Francois R-4
046-131	Willow Springs R-IV
113-001	Worth County R-III

Fy03 eMINTS districts are required to send a team to the August 7 Orientation Event in Columbia. Please go to the following site to register: <http://emints.more.net/news/summer03-register.html>

State Grants. The General Assembly appropriated \$13.9 million for education technology programs. These funds support the Technology Acquisition (TAG) and Interactive Distance Learning (IDL) grant programs, as well as the Computers for Schools, Technology Network (TNP), and enhancing Missouri's Instructional Networked Teaching Strategies (eMINTS) Programs. The VIDEO Program was itemized in the budget, for capacity, but no new money will be issued.

State allocations are subject to the Governor's 3% withholding. While there may be additional cuts, we offer the following information to help schools plan, budget, and apply for FY03 grants:

- ❖ VIDEO -- applications are on hold until further notice.
- ❖ TAG -- applications will be accepted through September 15, and should be filed at the same time as the Title IID formula grant application is submitted. The FY03 TAG application indicates the district's allocation based on the original (100%) formula. Apply for this amount. We will apply the percentage cut when it is finalized – currently, the appropriated funds will only support 77% of that amount. It is recommended, for now, that districts spend 70% or less of the total.

- ❖ IDL – only second-year Implementation grants are eligible. Applications were due June 15; they will be funded at 77% of the program's maximum state request amount.
- ❖ TNP – the annual user fees will not be discounted as in past years.

Program Requirements

The education technology programs have certain requirements that districts must meet to be eligible for funding.

- ❖ Federal/Title, e-rate, and TNP Programs -- participants must meet requirements set forth by the Children's Internet Protection Act (CIPA) of 2000, as detailed in the CIPA section below.
- ❖ Title IID Programs – grantees must spend at least 25% of the funding on technology professional development activities.
- ❖ TAG Program – grantees must spend an amount equal to 20% of the state funds on technology professional development. This may include federal, state, and local funds.
- ❖ All technology programs – districts must have locally-adopted and state-approved technology plans, as detailed in the planning section below.

Children's Internet Protection Act (CIPA) Requirements

CIPA requires any institution that receives federal funding (e-rate and/or Title programs) to install blocking and filtering software on computers that access the Internet. In Missouri, this means virtually every district, as MOREnet files a statewide e-rate application. Other requirements state that a district must have an Internet use policy that addresses filtering solutions, and the community must be informed of the policy and filtering solutions. For more details about the Act, compliance requirements, and filtering options, visit the Consortium for School Networking (CoSN) web site at <http://www.cosn.org/initiatives/>.

CIPA for Libraries Declared Unconstitutional

A three-judge panel has ruled that the CIPA statute is unconstitutional for libraries. Note, however, that CIPA still applies to schools. Go to the CoSN web site for more details.

The special three-judge panel of the Court of Appeals for the Third Circuit has declared unconstitutional the portions of the Children's Internet Protection Act (CIPA) that apply to libraries. The Court declared that the law violates the First Amendment rights of adult patrons and barred the federal government from implementing the law, which was scheduled to go into effect July 1. Under the provisions of the law, the Third Circuit's decision goes directly to the U.S. Supreme Court for review.

District Technology Plan Requirement

Districts have long been required to have technology plans for participation in the TAG grant and e-rate programs. While state-approval is good for up to three years, districts must have plans that address the new goals set forth under the No Child Left Behind Act by June 30, 2003. To facilitate the process, the Department has established a web site of technology planning resources and uses one set of guidelines to evaluate and score technology plans for all three programs.

- ❖ The next review of district technology plans is scheduled for April 2003. According to our records over 400 districts will need technology plans approved for e-rate; over 90% will need plans approved for Title IID.
- ❖ Visit <http://www.dese.state.mo.us/divimprove/instrtech> -- review the new state plan, use the District Technology Planning resources, and be sure to follow the new scoring guide to see where your plan needs work. Make the revisions, attach the District Technology

Plan Review/Approval form, and mail them to Instructional Technology by March 31, 2003.

Please contact the Instructional Technology office at 573-751-8247 if you have any questions regarding these matters.

Census of Technology

Please continue to work on and complete the Census. In assigning technology need points to eMINTS applications, we found lots of holes. A district may have only filled out the district form and not any building forms, missed a building, or missed items and sections of items within the forms. It is critical that we collect the most complete and accurate information possible.

State Tech Plan Presented to State Board of Education

Everett Loughridge, Belton 124 School District; Curt Fuchs, Columbia Public Schools; and Susie Graham, Mansfield R-IV School District presented the Missouri Education Technology Strategic Plan, 2002-2006, to the State Board on June 20. Board members commented on the progresses noted since the writing of the 1997 plan, the heavier focus on student learning, and the goal of using technology to help close achievement gaps among students across the state.

Survey Says More Work Needed On Technology Integration

<http://www.nsbef.org/theyet/index.htm>

The National School Boards Foundation released findings from its survey of district technology decision makers across the nation. Findings indicate significant gaps between the promise and reality of technology use in schools. The "Are We There Yet?" report examines online learning, technical support, and equity issues and provides guidelines that school leaders should consider to help stretch the capacity of school and educators to achieve better educational results.

Web Site Helps School Leaders Use Data in Decision Making

<http://www.schoolboarddata.org>

"Improving School Board Decision-Making: The Data Connection" is designed to help school leaders learn more about using data to make quality decisions. It covers the types of data available and their purposes; strategies for understanding what data can reveal through analysis and interpretation; and ways to use data to ensure that decisions are based on fact not guesswork. The site contains representations, hands-on training tools, checklists, case studies, and other helpful materials.

Video Update from MOREnet

--Submitted by Eric Nicklas, Program Manager, K-12 Technology Network Program, MOREnet

MCU Port Lease Fees Reduced for FY03

MOREnet is pleased to announce that the MCU port lease fee has been reduced for FY03. As we migrate toward the H.323 protocol, our MCU costs have declined, which allows us to pass these savings on to our customers.

<u>FY03 MCU lease fees</u>	<u>Full Year</u>	<u>Half</u>
<u>Year</u>		
Unlimited number of scheduled hours	\$3,000	\$1,500
Less than 200 scheduled hours (100 hrs per half-year) (Any regularly scheduled series of events)	\$1,500	\$750
Ad hoc sessions (limited or one-time use) (Ad hoc: on a space-available basis for not regularly scheduled events)	\$ 0	\$0
For details about MOREnet videoconferencing services, see http://www.more.net/technical/video/newuser/newcustomers.html .		

Changes in Videoconferencing, Effective July 1, 2002

MOREnet is dedicated to providing robust and reliable network and video services. An H.323-only service, eliminating cascading between MCUs, will simplify the video environment, resulting in decreased video delays and increased quality. An H.323-only environment will allow more efficient use of existing resources.

Toward those ends, effective July 1, 2002:

MOREnet will connect only H.323 codecs to the MOREnet MCU.

H.323 cascades between MOREnet customer MCUs and MOREnet MCUs will be eliminated.

Effective July 1, 2003, all H.320 MCU to MCU connections are eliminated.

Read the full statement of direction and rationale for changes in video services at
<http://www.more.net/technical/video/newuser/videodirection.html>

If you have questions, contact Eric Nicklas (eric@more.net) or MOREnet Video Services (video@more.net).



Leadership and No Child Left Behind

http://www.techlearning.com/db_area/archives/TL/2002/06/behind.html

The U.S. Department of Education's director of technology John Bailey outlines the pivotal role of administrators in implementing the new bill.



Missouri Distance Learning Association Annual Conference

http://www.modla.org/conf_broch_0702.pdf

The Show of Shows Annual Conference and Membership Meeting
July 29-30 at the Radisson Hotel Branson.

Presentations from:

- Christine Dalziel, Executive Director of the Instructional Telecommunications Council in Washington D.C.,
- Judith Hancock, Arts4All, New York City, a provider of digital Arts and Arts Education content to K-20 educational institutions,
- Dr. Garry McDaniels, Chief of Research and Evaluation, US Dept of Education,
- A host of sessions from practitioners from Missouri, Oklahoma and Iowa.

Did we mention 20+ vendors and door prizes? All this for \$60!

If you are looking for information about distance learning practices, possibilities or products, then this is the place to start!
Register now at http://www.modla.org/conf_broch_0702.pdf



MoDLA-TV Teacher/Facilitator/Administrator Workshop

<http://www.modla.org>

Date: August 5-7, 2002
SuccessLink I-TV Classroom
1111 Madison Street
Jefferson city, MO

The purpose of the I-TV Workshop is to provide new or inexperienced I-TV instructors, facilitators, and administrators with a working knowledge, not only of the technology involved, but of the methods, adaptations, policies, potential problems, and opportunities afforded by two-way interactive TV instruction. There is more to I-TV than just the technology involved.

Learn how to...incorporate any learning medium into the I-TV network, encourage remote student-to-student interaction, develop appropriate I-TV classroom policies, utilize the technology to its fullest extent, anticipate problems before they occur, identify I-TV resources, and much, much more practical information.

Workshop Registration Fee: \$100 (includes a one-year MoDLA membership)
The I-TV Workshop is sponsored by MoDLA in conjunction with the Center for Occupational Research and Development (CORD), GreaterNet, and the Rural School and Community Trust. For additional information about the workshop or to register, please contact Vicki Hobbs 573-445-4940 or email vhobbs@coin.org or visit the MoDLA website <http://www.modla.org>



Missouri Schools and Programs in the News

eMINTS

Pam Lowe, FY00 eMINTS teacher from Popular Bluff, wrote an article that appeared on the front page of the TechLearning at <http://www.techlearning.com/content/new/new.html> called *Technology is Tailor-Made for Teaching*.

Lori Mathys, FY01 eMINTS teacher from California (Moniteau R-1) was recently notified that she is one of three Missouri state winners for the National Science Foundation Award for Excellence in the Teaching of Mathematics and Science in the Elementary Science category. She will be notified in February if she is the Presidential Winner, chosen from the three state winners to go to Washington, D.C. Congratulations, Lori!

Michelle Gilmer, FY00 eMINTS teacher from Sikeston, presented a session at the NECC in San Antonio in June. Her presentation was entitled "75 Ways to Use Your Digital Camera." Her co-sponsor was CIS Gayle Cantrell. Congratulations, Michelle, for representing eMINTS and Missouri well!

Julie Szaj, CIS for the Southeast cluster, and Gayle Cantrell, CIS for the Bootheel Cluster also presented at NECC. Their presentation was entitled the "The Nexus Connection—Global Classrooms" and featured some of the international online projects that they have helped teachers in their clusters complete this past school year. Congratulations, Gayle and Julie!

Sandy Miller, a FY00eMINTS teacher, and two of her fellow teachers from Branson, MO, Susan Crawford and Regina Seaman presented a poster session at the NECC Conference in San

Antonia, Texas. Their presentation was entitled "Update Your Teaching Techniques for a 21st Century Classroom." Congratulations to Sandy, Susan and Regina for their acceptance at this national conference!

MOREnet

Bill Giddings, eMINTS Program Director, and project director of the original MINTS project was honored recently by the University of Missouri System as an outstanding administrator. Bill received the award at a luncheon in honor of the outstanding employees of the System during Staff Recognition Week. Thank you, Bill, for your leadership and caring over the past 5 years in both of these programs.



Learning With Technology

--Featuring Northeast Vernon Co R-I, Missouri City and Bucklin R-2

Northeast Vernon Co. R-I

Working With Wired Students

One decade ago if a teacher has a number of "wired students" in their class, he or she might have considered early retirement, or searching for a new profession. Ten years ago "wired" classrooms meant working with groups of students who were wild, unruly, disobedient, and uncontrollable. Today, however, in the beginning of this 21st century, a "wired" classroom is common vocabulary for a technologically modern classroom that has Internet availability to the information superhighway.

Before approval of the TLCF grant, our school district was "completely in the dark" as to being updated in the field of technology. To begin with, the Northeast Vernon Co. R-I School District has a unique situation. We are a newly created school district from two very small and very economically deprived school districts. Unfortunately, just because we are a new district does not mean we have new buildings. As a matter of fact., both of our buildings are old buildings built in the 1920's. The two schools annexed together in 1996, but there was still no money for technology. The high school and the elementary buildings are 15 miles apart, which adds to the financial burden factor in adding Internet connection and sharing resources.

By the end of the first year of the TLCF grant, every classroom had a computer with Internet connection in both the jr./sr. high school and the elementary school buildings, in addition to a server in both buildings.

Cyber Patrol was purchased as our primary Internet Security block system. Through a Christa McAuliffe Fellowship grant, our elementary school purchased a 56K line for Internet Services. First time connection fees and hookup fees were paid for partly through the Christa McAuliffe Fellowship and partly through the TLCF funds.

One of the biggest challenges for our school was not training the students but training the teachers; partly because of the distance problem between the two buildings and partly because of the wide range of computer and technology literacy among the teachers and staff. TCF grant funds enabled us to offer stipends for several evening and weekend training sessions for teachers and teacher aides for basic computer knowledge, applications of Microsoft Office, Print Artist, PrintMaster, and Print Shop.

In addition, other professional development classes were offered for using the Internet for lesson plans, for research, for professional growth, and for learning to use email. Our elementary classes all adopted business e-pals and communicated with them weekly via the teacher's email. At the end of the school year, the first graders visited their e-pals at the Kansas City Zoo and the second graders visited their e-pals at the Laura Ingalls Wilder Home in Mansfield.

Our main TLCF goal was to “wire” the classrooms, students, and teachers of our school district in order that we might increase our knowledge in Communication Arts objectives and test scores for the 2000-2001 school year. We did reach those goals and went beyond our goal in several of the grades, with increases up to 26% in some grades. We are still not up to the State Standards at all grade levels, but we have been very fortunate in being provided funding through the TLCF grant so that we can move forward. Through the approval of this grant, our school board and administrators have taken a more serious look at the importance for updated technology in not just the bigger surrounding schools, but also in our small district of 250 students. We have come a long way in working with our “wired” students—thanks to the TLCF funding. For more information contact Barbara Walsh at barbandjacob@hotmail.com

Missouri City

Missouri City is a small rural district east of Kansas City, MO. Our children live in a protected area, with the loving support of their families. The audience for the students’ work at assemblies and school nights is always supportive and positive. The opportunities for interaction with students or individuals from other communities are limited.

District faculty members feel it is important to give our students the opportunity to interact with individuals from other communities, and to experience communicating with individuals outside the community.

Missouri City School received a Technology Literacy Challenge Fund grant that addresses integrating technology into the curriculum. The project couples video conferencing with authentic and/or original inquiry to deliver presentations. Students develop presentations, and deliver them to a wider audience through video conferencing connections. The link has given a boost to interactions between students and teachers across the district and rural/urban lines.

Through the use of Microsoft PowerPoint presentation software, students are doing original research on a specific topic that is either assigned by their teacher or chosen by the student due to personal interest. After completing research students create a presentation that showcases their research topic, provides information across the curriculum and allows them to demonstrate specific skills “on the spot” for authentic assessment by their peers and teacher. The presentations serve as a means of alternative assessment (or authentic assessment). In addition, this process allows for the development of such skills as public speaking, keyboarding, research and composition.

We are currently working with Weeks Elementary and Tolbert Academy in Kansas City, Missouri to establish a reliable connection that will allow our students to work together electronically. Networking problems have limited some of the videoconferencing opportunities. The interactive Video Network (IVN) at UMKC, Northwest Missouri State University, Maryville, Missouri are assisting us with the network connections. For more information contact Linda Rogge at Linda_n50@hotmail.com

Bucklin R-2

Technology on the Move in Rural Missouri

Thanks to the Technology Literacy Challenge Fund (TLCF) the students and teachers at Bucklin R-2 are becoming more technologically literate. Over the past two years this small rural school has developed a mobile, wireless computer lab. With limited space and personnel to manage a full-time computer lab classroom, the mobile lab has opened the door to a host of wonderful opportunities for the students at Bucklin R-2 to research, create presentations and documents, and increase their technology literacy.

During the first year of the project, an emphasis was placed on training teachers to use the wireless notepads and becoming more technologically literate with programs such as Word, Excel, and PowerPoint. The faculty was also trained to operate and utilize an LCD projector,

Smartboard, and digital camera. By setting up a training schedule that included a large-group, formal session followed by small-group, informal sessions, teachers were able to obtain the knowledge and then have opportunities to practice and/or apply what they learned. Providing the teachers with an opportunity to collaborate and investigate technology with their peers was very successful and well received by the staff. Most of the teachers were willing to take the extra time to apply their new knowledge in their classroom.

Application of the technological knowledge and use of the notepads and other technological equipment went into full swing during year two of the project. A check-out system was established for the mobile computer lab, and the students were allowed to develop their technological skills. Also during year two, a video editing system was obtained. A specialist with the Avio System came to the school for a four-hour training session. It was a great success. The participants will follow up the training by creating their own video before this coming fall. The opportunities for the students and teachers to create with the Avio System are unlimited. Just within the past year, more students created PowerPoint presentations for special events and organizations than ever before. Several students are excited about the possibilities of the Avio for creating presentations for their events next year.

As with any new program there are a few stumbling blocks. We have had a few problems with maintaining the access points for the wireless computer lab. The company from which they were obtained has replaced several of the access points during year two. This did create a problem with availability and access of the notepads from various areas in the building. Finally, we have decided to have an access point (hub) on the mobile cart. Therefore, a good signal can be obtained by plugging in to the local connection within the classroom.

Another challenge for the coordinators of the project has been in staff usage of their technological literacy in the classroom. Each teacher has a different level of technological knowledge and comfort in using it. Providing encouragement, support, and motivation for the faculty continues to be a challenge.

Overall the Technology Literacy Challenge Project has been a fantastic program that will continue to provide the teachers, students, and community opportunities for increasing their technological literacy. Without the Program, a small rural school district would still be struggling to make advances in the massive technological world. For more information contact Cindy Roberts at croberts@bucklin.k12.mo.us



Interactive Distance Learning in Action

Warsaw R-IX

During this past year Warsaw R-IX School District has taken great steps at implementing further their Interactive Distance Learning Program. The program was covered by a two-year grant program from the Department of Elementary and Secondary Education (DESE). The first year was the implementation period, where the groundwork was laid for the advancements of the technology. The purpose of the second year is to better the existing setup and to extend its capabilities.

In the initial setup, a Polycom FX video conferencing unit was installed. Using a specially designed rolling cart, and a 36 inch television made this unit fully portable. This allows the utilization of the unit in rooms other than the IDL Classroom. A fully functional document camera, as well as laptop station for the instructor. The classroom itself is composed of carpeted ceilings and walls, full counter tops with adjoining hidden computer desks, leather office chairs, instructor podium, and a phone/fax center.

During the second year of the grant, Warsaw is planning to implement a second Polycom unit so multiple classes can be conducted. The second classroom will be utilized daily by not only college classes, but after school studies for high school students. This second unit will also benefit the community with the utilization of adult education night classes. Along with the addition of a second Polycom unit, a Via Video single user unit will be implemented for individual user classes. We are also planning on purchasing a DVD recorder so a complete library of classes can be recorded and stored in a cost and space efficient manner. In addition to the DVD recorder, a portable DVD will be implemented in the case of a homebound student that is unable to attend class.

The new IDL facility at Warsaw has been a huge success. An overwhelming number of students have expressed interest in taking one or more of the distance learning classes. The equipment that will be implemented this year will make it possible to conduct multiple classes, as well as providing education for homebound students. In addition, the equipment will make it possible to multicast to all school buildings in the Warsaw R-IX District, and provide vocational and life skills classes to students in the Warsaw R-IX Alternative School. With a total of seven classes being already scheduled for Fall 2002 from State Fair Community College, and the possibility of having 21 more, it is evident the growth and changes of the Warsaw R-IX IDL program has far succeeded its expectations.

Contact Information:

Bill Gant, Warsaw R-IX IDL Programs Coordinator
Bjy003@mail.connect.more.net

Jarred Gant, Warsaw R-IX Technology Specialist
Bjy007@mail.connect.more.net

Copyright Question of the Month

Q. May a videotape be used for before and after school day care or for child care during meetings and school events?

A. **No** This situation does not meet the face-to-face instruction requirement.

Note: If videotapes are to be used for this purpose, public performance rights must be obtained. There are commercial providers that sell public performance licenses that allow the use of videos for reward, entertainment, etc.

Mark Your Calendar

July 1	Newsline published online
4	Independence Day—State Holiday
11	MO Rural Opportunities Council Telecommunications/Education Committee Meeting (1:15-3:30 pm) Governor's Office Building—Room 316, Jefferson City, MO
25	Newsline articles due
August 1	Newsline published online
8	FY03 eMINTS Orientation MOREnet Bldg., Columbia, MO
8	MO Rural Opportunities Council Telecommunications/Education Committee Meeting (1:15-3:30 pm) Governor's Office Building—Room 316, Jefferson City, MO
25	Newsline articles due

Upcoming 2002 Conferences

July 9	RPDC Tech-"Knowledge"-y –Region V Technology Expo 200 Ramada Inn, St. Joseph, MO
July 10	RPDC Tech-"Knowledge"-y –Region V Technology Expo 2002 Hillyard Technical Center, St. Joseph, MO
July 17-18	MCREL Reading Institute—Teaching Reading in the Content Areas Ramada Inn, St. Joseph, MO (800) 663-3348
July 18-20	Education Grants Summit 2002 San Diego, CA
July 29-30	MODLA Conference Radison Hotel, Branson, MO www.modla.org
July 29-31	McREL Rural Technology Institute Omaha, NE http://www.mcrel.org/rt
August 4-6	Annual Cooperative Conference for School Administrators Tan-Tar-A, Osage Beach, MO
August 14-16	18 th annual Conference on Distance Teaching and Learning Madison, Wisconsin
August 14-16	Learners, Laptops, and Powerful Ideas Conference Orona, Maine http://www.agent.maine.edu/laptop
October 6-8	Missouri Educational Technology Conference Tan-Tar-A, Osage Beach, MO Missouri Research and Education Network Missouri Department of Elementary & Secondary Education
October 13-15	Joint Iowa ASCD ITEC Conference Des Moines, IA www.itec-ia.org

From the Mailbag

Computer Training Opportunities

www.newhorizons.com

New Horizons Computer Learning Center of St. Louis has been providing computer training in the St. Louis area since 1994. Students can take classes that cover applications software and technical training, and can do so at their location, or online. New Horizons St. Louis' location is conveniently located in the Westport area of Maryland Heights, about 20 minutes from Christian Northeast. There are also locations in Kansas City and Springfield, MO. New Horizons is working with several school districts to utilize grant monies that are available to the district.

New Horizons guarantees that you will find your learning experience valuable. With classroom training, you can repeat any class – free – any time within six months. You also have access to our help desk for 60 days following each class, and you have access to your class on-line for six months (all at no extra charge).

New Horizons offers hundreds of courses on popular desktop applications (Windows, Word, Excel, Access, PowerPoint, PhotoShop, GroupWise, WordPerfect, MS Project, and many more). To have a full course catalog mailed to your attention, please call or email (contact information

follows), or go to www.newhorizons.com and key in your zip code to get to the closest location information, including current schedule.

New Horizons is the world's largest network of authorized training centers for Microsoft, Novell, Citrix, CompTIA, and other leading software developers. When you take a technical class, you're guaranteed that certified instructors will follow the official curriculum to the letter. Even the courseware you take home is approved. New Horizons is currently providing technical training from Microsoft, Novell, Cisco, Linux, Unix, Citrix, and SANS Security training.

For further information, including course schedule and outlines, go to www.newhorizons.com. If you require additional information, or have questions regarding course availability, contact Don (314-429-3311 x128 don.lewis@newhorizons.com) or my assistant, Kim Lewis (314-429-3311 x153 kim.lewis@newhorizons.com). New Horizons Computer Learning Center looks forward to satisfying your entire computer learning needs.

On The Right Track

http://www.techlearning.com/db_area/archives/WCE/archives/rtrtrack.htm

Linking the technology professional development program with improving student achievement provides teachers an effective action plan that teachers can use.

Online Courseware

http://www.techlearning.com/db_area/archives/WCE/archives/wescours.htm

Here are three different options for educators who want to create web pages to supplement and/or teach a course.

Smart Lockers Make Monitoring Easier

<http://csmonitor.com/2002/0507/p02s02-ussc.html>

A new invention may eventually eliminate the traditional locker padlock in favor of a "swipe card." The new lockers can be operated from a computer in the central office where they can be opened individually or all at once.

Source: Christian Science Monitor

Wearing Your Computer

<http://www.wired.com/news/school/0,1383,52148,00.html>

A wearable computer, originally designed for the military and telecommunications industry, is being used to help children with disabilities enter more fully into the classroom experience. An Ohio teacher reports that the computers have made her students more independent and confident.

Source: Wired News

Chalkboards Out, Whiteboards In

<http://fyi.cnn.com/2002/fyi/teachers.ednews/06/02/vanishing.chalkboards.ap/index.html>

School designers almost always opt for whiteboards when designing a new or remodeled school. Besides being dust free, whiteboards can be used to add interactivity to classroom activities.

Source: CNN.com

CA Tech Workers Help Fill Empty Teaching Jobs

<http://www.latimes.com/news/local/la-000039088jun03.story>

The Los Angeles Times reports that California is turning to its pool of laid-off technology workers to fill empty teaching positions. With the help of a \$1.6 million state grant program, some 200 laid-

off workers with science degrees and high-tech backgrounds will learn to apply their skills to meet the needs of schools facing a severe shortage of qualified math and science instructors. Last year, the state issued nearly 2,700 emergency permits for science teachers, roughly 20% of California's entire science teacher work force. Technology to Teacher grants from the state Employment Development Department can be used to pay for tuition, books, testing fees, counseling and other support services. The hope is that the cash incentives will help attract displaced workers who would not otherwise consider teaching, which on average pays at least \$20,000 a year less than most private-sector technology positions. Read the full story at <http://www.latimes.com/news/local/la-000039088jun03.story>

CIPA for Libraries Declared Unconstitutional

<http://www.cosn.org/resources/060302.html>

The special three-judge panel of the Court of Appeals for the Third Circuit has declared unconstitutional the portions of the Children's Internet Protection Act (CIPA) that apply to libraries. CIPA requires any institution that receives federal funding to install blocking and filtering software on computers that access the Internet. The Court declared that the law violates the First Amendment rights of adult patrons and barred the federal government from implementing the law, which was scheduled to go into effect July 1. Under the provisions of the law, the Third Circuit's decision goes directly to the U.S. Supreme Court for review.

Business and School Reform

<http://www.brt.org/toolkit/toolkit.html>

The Business Roundtable (BRT) believes that the business community has a vital role to play in efforts to implement the reforms mandated in No Child Left Behind. BRT has developed a toolkit designed to help business leaders seize specific opportunities to partner with educators and political leaders in the next year to implement school reform. The toolkit gives specific action steps to help states successfully implement the key reforms. It includes messages to deliver to public officials, additional details about the requirements of the law, and helpful contacts in each state. The toolkit is available on the Web. <http://www.brt.org/toolkit/toolkit.html>

Online Summer School For Baltimore Area Students

Carroll County is the first school district in the Baltimore area to offer online summer school to any student who needs to make up a failed course. School officials argue that the online format is more efficient and effective. They don't have to hire administrators or secretaries for the programs and students will be able to take nearly any course they need to make up, side-stepping the typical summer school requirement of needing at least 10 students enrolled to offer a class. Courses begin with a computer-based assessment and, based on the results, online lessons are tailored to individual needs. The same labs will be available in the fall to allow students to retake failed courses before and after school.

Washington White House Conference on School Libraries Checks Out Lessons for Success

http://www.laurabushfoundation.org/release_060402.html

Mrs. Laura bush spoke concerning school libraries and the importance of strong programs and student achievement. To read more about the day, go to the above web site.

Grants Directory

http://www.techlearning.com/db_area/archives/TL/2002/06/directory.html

Need funds to finance your digital dreams? Here are 50 listings to get you started.

Get That Grant: Before and After Pointers

http://www.techlearning.com/db_area/archives/TL/2002/06/grant.html

Writing a grant proposal is a work-intensive, time-consuming process. Here are some tips for getting the most out of your effort.

http://www.techlearning.com/db_area/archives/TL/2002/06/grant.html

Technology and Learning 2002 Ed Tech Leaders of the Year Contest

<http://www.techlearning.com/content/contest/etloy/index.html>

Calling all teachers and technology coordinators and administrators!

Digital Photography Contest

<http://www.techlearning.com/content/contest/photos/index.html>

Technology and Learning invites K-12 students to participate in this year's digital photography contest.

THE ANNENBERG/CPB CHANNEL ANNOUNCEMENTS:

http://www.learner.org/channel/workshops/workshop_list.html

"High Quality, In-Dept" Professional Development

According to a U.S. Department of Education recommendation, researchers found that teachers participating in less than a week of professional development -- the average amount that teachers get -- demonstrated little change in their teaching practices. Those changing their practice had been taught content-specific material, participated in training with colleagues from their own schools, and were involved over a period of time.

Staff developers can incorporate all these positive aspects of professional development when they offer Annenberg/CPB Channel workshops and courses in their school or district. Call us at 800-LEARNER to learn how you may structure sessions that match your district and state mandates.

In A Group, Or On Your Own?

While taking professional development in a group is the ideal, sometimes that opportunity isn't available. Fortunately, Channel workshops and courses are quite flexible and can be structured to accommodate both learning groups and individual participants. You can now watch the Channel through broadcast, on tape, and via broadband streaming, and you can interact with other teachers through the workshop discussion lists. Channel workshops and courses also provide the option of earning professional development points and even graduate credit at a reasonable cost.

Institute Learning

Get ready for the new school year with new energy and new ideas. Professional development workshops are offered throughout July and August in an institute format that can be completed in two weeks. Enjoy the Fourth of July holiday, then earn graduate credit or a certificate of participation for PRIMARY SOURCES: WORKSHOPS IN AMERICAN HISTORY, THE MISSING LINK: ESSENTIAL CONCEPTS FOR MIDDLE SCHOOL MATH TEACHERS, or LOOKING AT LEARNING AGAIN, PART 1.

Whether for this summer or during the upcoming school year, use the Channel to continue your personal growth. For a complete listing of workshops and courses, visit

http://www.learner.org/channel/workshops/workshop_list.html Or call us at 800-LEARNER to discuss an appropriate offering.

Association for Supervision and Curriculum Development ASCD

<http://www.you-click.net/GoNow/a15864a60449a116404457a14>

Association for Supervision and Curriculum Development ASCD offers interactive, multimedia professional development courses" supplemented by reading materials and access to discussion groups." Course titles include: "Dimensions of Learning," "Designing Performance Assessments," and "Surviving and Thriving in Your First Year of Teaching." Course enrollment is \$34.95; site includes sample lessons and course outlines.

<http://www.you-click.net/GoNow/a15864a60449a116404457a14>

Classroom Connect's Connected University

<http://www.you-click.net/GoNow/a15864a60449a116404457a20>

Connected University is billed as an "online professional development community." The service includes instructor-led online courses across a range of subjects, online resources, and technology-related tutorials. Access is subscription-based, with one-year individual subscriptions priced at \$349. A free two-week trial subscription is available.

PBS TeacherLine

<http://www.you-click.net/GoNow/a15864a60449a116404457a20>

Funded by a grant from the U.S. Department of Education, Teacherline provides online professional development materials in mathematics and technology integration. The site includes facilitated "modules" and self-paced courses, online chats, and discussion boards. Registration is free.

Tapped In

<http://www.you-click.net/GoNow/a15864a60449a116404457a21>

Owned by SRI International, Tapped In presents itself as an "online workplace" for educators. Teachers can use the service to participate in topical discussions, work out ideas with others in the field, and find contacts and subject-oriented resources. Membership is free. Site includes a calendar of events and regularly scheduled tours.

<http://www.you-click.net/GoNow/a15864a60449a116404457a21>

Teachscape

<http://www.you-click.net/GoNow/a15864a60449a116404457a11>

Teachscape offers an extensive Web-based professional development program that works in collaboration with school districts and other educational institutions. Services--which can be customized in accordance with individual educational goals and interests--include a multimedia resource library, online courses, teaching tips, and self-assessment tools. A free tour is available.

WebED

<http://www.you-click.net/GoNow/a15864a60449a116404457a23>

WebED offers online recertification and graduate credit courses for K-12 teachers. Courses are self-paced and self-guided and generally start at \$100. The course catalogue covers a range of subjects. A course demo is available.

<http://www.you-click.net/GoNow/a15864a60449a116404457a23>

Columbia Interactive

<http://www.you-click.net/GoNow/a15864a60449a116404457a10>

Columbia Interactive, a "gateway" to e-learning resources developed at Columbia University, offers short e-seminars for teachers. Current offerings are "Developing Your Classroom Management Plan" and "Digital Learning Communities: Promoting Democracy through Education." Course registration is \$45. See also CI's Distance Learning Project (scroll down page

for link), a more formal online professional development program offered through Teachers' College.

<http://www.you-click.net/GoNow/a15864a60449a116404457a10>

Fathom

<http://www.you-click.net/GoNow/a15864a60449a116404457a1>

An extensive online learning service developed by a group of prestigious university and educational institutes, Fathom includes a number of e-course offerings, topical digests, and lectures in education. Catalogue topic headings include "Curriculum and Teaching," "Assessment and Evaluation," and "Philosophy of Education." Course prices range from free to \$500-\$600 (for credit).